WHAT IS CLAIMED IS:

1. Using infrared rays for quick joining a golf club head, comprising:
a heating source of infrared rays adapted to melt metallic filler disposed
between golf club head members within a predetermined processing
temperature and time, thereby joining the golf club head members to
constitute the golf club head.

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- 2. Using infrared rays for quick joining a golf club head as defined in Claim 1, wherein either one or more of the golf club head members is selected from a main head body, a striking plate or a weight member.
- 3. Using infrared rays for quick joining a golf club head as defined in Claim 1, wherein the golf club head member is selected from a group consisted of titanium alloy, Fe-base alloy, magnesium alloy, aluminum alloy, Fe-Mn-Al alloy, shape memory steel, tungsten alloy, copper alloy, lead alloy, nickel alloy, bulk amorphous alloy, nano-alloy, composite material and ceramic material etc.
 - 4. Using infrared rays for quick joining a golf club head as defined in Claim 1, wherein the heating source has a heating rate not less than 1 $^{\circ}$ C /sec.
- Using infrared rays for quick joining a golf club head as defined in
 Claim 1, wherein the heating source has a heating rate up to 50 °C/sec.

- 6. Using infrared rays for quick joining a golf club head as defined in Claim 1, wherein the wavelength of infrared rays is ranging between 0.76 and 1,000 μm .
- Using infrared rays for quick joining a golf club head as defined in
 Claim 1, wherein the golf club head members are made of dissimilar categories of alloys.
 - 8. Using infrared rays for quick joining a golf club head as defined in Claim 1, wherein the golf club head members are made of similar categories of alloy.
- 9. Using infrared rays for quick joining a golf club head as defined in Claim 1, wherein the golf club head members are placed in vacuum for joining process.
- 10. Using infrared rays for quick joining a golf club head as defined inClaim 1, wherein the golf club head members are placed in protective gasfor joining process.
 - 11. Using infrared beam for quick-welding a golf club head as defined in Claim 1, wherein the metallic filler is selected from a group consisted of Ag-base, Cu-base, Ni-base and Ti-base alloys etc.